EXHIBIT 7

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                   UNITED STATES DISTRICT COURT
                    NORTHERN DISTRICT OF OHIO
 2
                          EASTERN DIVISION
 3
     IN RE NATIONAL PRESCRIPTION : MDL No. 2804
 4
     OPIATE LITIGATION
 5
                                    : Case No. 17-md-2804
     This document relates to
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                                    : Judge Dan Aaron Polster
     Salmons v. Purdue Pharma
 7
     L.P., et al.
     MDL Case No. 1:18-op-45268;
 8
     Flanagan v. Purdue Pharma
     L.P., et al.
 9
     MDL Case No. 1:18-op-45405;
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     Doyle v. Purdue Pharma L.P.,
11
     et al.
     MDL Case No. 1:18-op-46327
12
13
                           DEPOSITION OF
14
                       PRADEEP K. CHINTAGUNTA
15
                           March 9, 2020
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                         Chicago, Illinois
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Page 19 appropriate, inappropriate, whatever. 1 2 The point that I'm trying to make 3 is that whatever marketing happened, to figure out the effects of that marketing, you need to 4 5 do an individualized inquiry. That's the extent of my report. And beyond that, I haven't 6 7 clearly studied all the issues, so I won't be able to comment on that. 8 9 BY MR. BILEK: 10 Okay. Well, we're just trying to get you 11 sitting here today and figure out what you did and 12 what you didn't, sir, okay? 13 Absolutely. Α. 14 And so it is fair to state you have no 15 opinions on the appropriateness of the marketing activities of the opioid defendants in causing the 16 opioid crisis? 17 18 Α. That would be fair. 19 Do you think there's an opioid crisis in this country right now? 20 21 Α. From what I read in -- in the press, it is characterized as a crisis, and I have no reason to 22 believe otherwise. 23 24 Okay. Now, the marketing activities that Q.

Page 23

consumers?

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- A. You know, I considered all the factors that could have affected. There could be other factors beyond the ones I considered, and that's precisely the reason why, as I point out in my report, you need an individualized inquiry, because we really don't know who was exposed to what, how much of it they were exposed to and how often they were exposed to it.
- Q. Well, this issue of -- let's -- let's just be specific, though. Answer my question.

You didn't consider any of the opioid manufacturers direct marketing to consumers' campaigns?

- A. Yeah, you bring up Facebook. I certainly did not -- I was not aware of that. So, you know, it's not -- I think it's not one of the factors that I mentioned.
- Q. Okay. What about direct marketing that were common to all doctors were sent on Facebook?

 Did you consider that?
- A. Do we know for a fact that all physicians received this advertising?
 - Q. Just asking you. Did you consider their

Page 31 1 I would agree. Α. 2 Ο. Correct? Right? Α. I would agree. They have special obligations, right? 4 O. 5 Α. For sure. One of the things is they have to -- they 6 Q. 7 have to put in -- they have some obligations -- your 8 understanding is they have some obligations to 9 control the way their product is being sold, correct? MR. HENRY: Object to form of the 10 11 question. 12 THE WITNESS: My understanding is that 13 these are drugs classified into different 14 schedules, and depending upon which schedule 15 your drug falls under, there are some requirements that you have to follow. 16 BY MR. BILEK: 17 18 Sure. And the name of one of the acts is 19 the Controlled Substances Act, right? 20 This I don't know. I mean, I am not an Α. 21 expert in the controlled substances. 22 You're not an expert. You're holding 0. 23 yourself out as an expert in marketing for opioid 24 manufacturing, right?

Page 32 1 Yeah, of pharmaceutical products. Α. 2 Ο. Of all pharmaceutical products. And you 3 don't have any understanding of the -- what the Controlled Substances Act, it would apply under -- do 4 5 you know whether it has any obligations as far as -- well, strike that. 6 7 MR. HENRY: Tom, I don't want you to misrepresent what the Controlled Substances Act 8 9 is --10 MR. BILEK: You can talk when it's your 11 Right now, I don't need to hear -turn. MR. HENRY: I'm talking with you because 12 13 I want to make sure that you're going to ask him 14 questions about it, you don't misrepresent what 15 the Act says. 16 MR. BILEK: I don't need to hear a 17 lecture right now. BY MR. BILEK: 18 19 Okay. So the issue of -- you don't know any obligations, as far as opioid manufacturers, as 20 21 it relates to controlling the distribution of their 22 product? 23 Α. The distribution of their product? 24 Yes. Q.

Page 35 MR. BILEK: You let me know if we need 1 2 to, like, get rules on this. 3 MR. HENRY: I'm fine. If you want to call him, call him. 4 MR. BILEK: I will. But the issue is are 5 you going to start limiting your objections to 6 7 "form" instead of speaking objections? MR. HENRY: My objections are 8 9 appropriately limited. MR. BILEK: Okay. Well, we'll go on for 10 11 a while, and if we have to go somewhere else --12 THE WITNESS: I'm trying to answer your 13 question, but you'll have to be a bit more 14 specific. 15 If they're not saying anything to 16 anybody, how will I know what they said or did 17 not say, right? Because you're saying -BY MR. BILEK: 18 19 Well, I'm asking you that in marketing, the issue is drug manufacturers have the obligation 20 21 in marketing to not omit to tell important material information to the doctors, correct? 22 23 MR. HENRY: Object to the form of the 24 question.

Page 36 THE WITNESS: Yeah, in general, if you're 1 2 saying if there's important information, I would 3 say yeah, yes. BY MR. BILEK: 4 And then if they failed to disclose 5 important information, that would apply to all the 6 7 doctors in the country, correct? MR. HENRY: Object to the form of the 8 9 question. 10 THE WITNESS: I have no way of knowing 11 that. 12 BY MR. BILEK: 13 Well, just by definition, they did it, O. 14 they did it across the board. They did not -- they 15 didn't tell every doctor what was important material 16 facts. 17 Are you stipulating that somehow that 18 that's -- you know that that's what they did or did 19 not do? 20 BY MR. BILEK: Yeah, I am. Assume the evidence shows --21 Q. 22 Α. Okay. -- shows that the drug manufacturers 23 24 omitted to tell material facts to the doctors.

Page 45 THE WITNESS: Yeah, the ultimate 1 2 objective would be to increase prescriptions. 3 But, importantly, the idea is to 4 communicate information to physicians as well, 5 right? 6 BY MR. BILEK: 7 Right. And what's important is for that 0. information that's being conveyed to physicians to be 8 9 truthful, correct? 10 Α. Sure. 11 Not to omit material information to the Ο. 12 doctors, right? 13 Α. Sure. 14 And do you have any -- any -- these 15 payments, have you done any investigation whether these caused a conflict of interest with the doctors? 16 17 No, I have not. Α. 18 Going to the next page, on the right-hand O. 19 paragraph: 20 There was a statistically significant 21 association per capita opioid-related industry 22 payments and per capita opioid-related deaths by 23 county. 2.4 Do you see that?

Page 46 1 Yeah. Α. 2 Ο. An increase in \$10,000 opioid-related 3 industry payments for -- for 100,000 population was associated with an increase of .89 opioid-related 4 5 deaths per 100,000 population. 6 Do you see that? 7 The keyword here is "associated." Α. It's not caused. 8 9 Ο. So this issue is that we're seeing an 10 association between the number of money spent and 11 number of opioid deaths, correct? 12 Α. Yes. But the association, again, I want 13 to emphasize is not causation. 14 We're going to get to more. 15 Okay, sure. I'm just reacting to what 16 you're showing me. 17 Right. I understand your position. Q. 18 But one of the things is, in rendering 19 your report, you didn't even look at this issue of 20 payments to physicians with regard to what 21 was -- whether that was increasing the number of neo 22 abstinent syndrome children being born? Yeah, that was not my remit -- I keep 23

bringing you back to what I was required to do.

2.4

Page 48 prescribing for chronic non-cancer pain published 1 2 between 2007 and 2013, the peak of opioid 3 prescribing. Do you see that first paragraph? 4 5 Α. I do. That would be an important thing to try 6 Q. 7 to look at to see whether the quidelines that are being sent to all physicians, right, are being 8 9 influenced by the conflict of interest that the opioid manufacturers are paying these doctors? 10 11 MR. HENRY: Object to the form of the 12 question. 13 THE WITNESS: Maybe I -- again, I have no 14 real expertise in commenting upon this. 15 know what this -- the rest of the article is 16 about. I don't even know, you know, the 17 specifics of what this article is looking at, or 18 some of these terms that are used here. So --19 BY MR. BILEK: 20 You'd agree that guidelines for the Ο. 21 prescribing, that's common to all physicians, 22 correct? Yes. 23 Α. 2.4 And if that has been improperly Q. Okay.

Page 50 1 BY MR. BILEK: 2 Ο. Well, but the guidelines go to all 3 physicians, correct? 4 MR. HENRY: Object to the form of the 5 question. THE WITNESS: Yes, I'm assuming that if a 6 physician prescribed a medication, they knew the 7 quidelines under which one had to prescribe the 8 9 medication. BY MR. BILEK: 10 11 Ο. Thank you. 12 Okay. Go to Conclusion. Why don't you 13 read the first sentence of the conclusion there. 14 Α. The last? 15 Ο. First page on the abstract. 16 Α. The findings reveal that the guidelines 17 for opioid prescribing chronic non-cancer pain from 2007 to 2013 were at risk of bias because of 18 19 pervasive conflicts of interest with the 20 pharmaceutical industry and the positive mechanisms 21 to address bias. 22 Do you have any reason to disagree with Ο. this finding? 23 2.4 MR. HENRY: Object to the form of the

Page 54 1 Well, tell me. You're a marketing 2 professor at University of Chicago, big school, great 3 school. Why are they making these payments to doctors? 4 One of the reasons, obviously, is to get 5 Α. information about the drug to the larger physician 6 7 and HCP community. Well, one of the things that they want to 8 Ο. 9 make these payments to doctors, wouldn't you agree, 10 is to influence their behavior, right? I mean, 11 that's Marketing 101. 12 Α. Sure. 13 So one of the reasons why they're doing 14 the payments is to influence the doctors, right? 15 But whether they're influenced or not is a completely different issue. 16 17 Okay. And so this issue of whether the Ο. payments have influenced the doctors, you have not 18 19 even looked at? 20 No, I was not asked to look at that. Α. 21 Q. Not surprised. 22 Okay. Now, last two sentences: 23 Other pharmaceutical companies filed 24 suit -- and they're talking about the -- and in

Page 56 1 harms. 2 Do you see that? 3 Α. I see that. So this is an association saying 4 Ο. "linked," right? 5 6 Α. A link -- an association is a linkage. 7 Okay. So then going to the top of the 0. second page: 8 9 Critical practice guidelines is another 10 mechanism that the pharmaceutical industry may have 11 used to influence physicians' opioid-prescribing 12 practice. 13 Do you see that? 14 Α. Sure. 15 Ο. Do you agree or disagree with that? 16 MR. HENRY: Object to the form of the 17 question. 18 THE WITNESS: Yeah, I mean, again, I have 19 not done any study, right? You're asking me to 20 agree or disagree to a conclusion, no? 21 MR. BILEK: Let's mark this one as 22 Exhibit 3. 23 (Chintagunta Exhibit 3 marked 2.4 for identification.)

Page 58 THE WITNESS: Again, the operating word 1 2 here is "associated." Again, it says: 3 Associated with increased opioid 4 prescribing. 5 And you're asking me to draw a conclusion about causality. Finally --6 BY MR. BILEK: 7 You're seeing a lot of associations, 8 9 though, with the opioid crisis in the marketing, 10 correct? 11 You have shown me three articles that show an association, sure. 12 13 How many do you think there are that 0. people have studied this opioid crisis with 14 15 marketing? 16 I have --Α. 17 MR. HENRY: Object to the form of the 18 question. 19 THE WITNESS: -- no idea. 20 BY MR. BILEK: 21 0. But you haven't looked at all, have you, with this issue of the appropriateness of the 22 23 marketing of your -- of the company. Well, I have not -- I was not asked to 24 Α.

Page 88 one of the reasons could be that they just had access 1 2 to cross-sectional data, which is what a survey is 3 all about. 4 I mean, it's at least data where they're 5 asking what the effects are versus -- I mean, I'm struggling to find anywhere where you've got data for 6 7 your opinions. Α. I was not asked to look at data. 8 9 (Chintagunta Exhibit 11 marked for identification.) 10 11 BY MR. BILEK: 12 Q. Could you identify that document for the 13 record? 14 Yeah. It says: Α. 15 Pro Market, The Blog of the Stigler 16 Center at the University of Chicago. 17 Says: 18 Purdue circumvented the regulator to 19 promote OxyContin hiding its real risk of 20 addiction. 21 BY MR. BILEK: 22 So this is, again, the Chicago Booth School of Business, correct? 23 2.4 Α. This is a blog.